

10-15-02

CPA/2700

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10/22/02

PTO/SB/29 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**CONTINUED PROSECUTION APPLICATION (CPA)
REQUEST TRANSMITTAL**

CHECK BOX, if applicable:

☐ DUPLICATE

Submit an original, and a duplicate for fee processing.

(Only for Continuation or Divisional applications under 37 CFR 1.53(d))

Address to:

Assistant Commissioner for Patents
Box CPA
Washington, DC 20231

Attorney Docket No.
of Prior Application

42390P6729

First Named Inventor

Scott A. Rosenberg

Examiner Name

Vincent E. Kovalick

Group/Art Unit

2673

Express Mail Label No.

EL802885522US

RECEIVED

OCT 16 2002

This is request for a ☒ continuation or ☐ divisional application under 37 CFR 1.53(d),
(continued prosecution application (CPA)) of prior application number 09/540,166,
filed on March 31, 2000, entitled System and Method for Refreshing Imaging Devices or Displays on a
Page-Level Basis.

Technology Center 2600

NOTES

FILING QUALIFICATIONS: The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51(b), or (2) the national stage of an international application in compliance with 35 U.S.C. 371. Effective May 29, 2000, a CPA may only be filed in a utility or plant application if the prior nonprovisional application was filed before May 29, 2000. A CPA may be filed in a design application regardless of the filing date of the prior application. See "Request for Continued Examination Practice changes to and Provisional Application Practice," Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office (Apr. 11, 2000).

C-I-P NOT PERMITTED: A continuation-in-part application cannot be filed as a CPA under 37 CFR § 1.53(d), but must be filed under 37 CFR 1.53(b).

EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned.

ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to, copies of, or information concerning, the prior application may be given similar access to, copies of, or similar information concerning, the other application or applications in the file jacket.

35 U.S.C. 120 STATEMENT: In a CPA, no reference to the prior application is needed in the first sentence of the specification and none should be submitted. If a sentence referencing the prior application is submitted, it will not be entered. A request for a CPA is the specific reference required by 35 U.S.C. 120 and to every application assigned the application number identified in such request, 37 CFR § 1.78(a).

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

- ☐ Enter the unentered amendment previously filed on _____ under 37 CFR § 1.116 in the prior nonprovisional application.
- ☒ A preliminary amendment is enclosed.
- This application is filed by fewer than all the inventors named in the prior application, 37 CFR 1.53 (d)(4).
 - ☐ **DELETE** the following inventor(s) named in the prior nonprovisional application:

 - ☐ The inventor(s) to be deleted are set forth on a separate sheet attached hereto.
- ☐ A new power of attorney or authorization of agent (PTO/SB/81) is enclosed.
- Information Disclosure Statement (IDS) is enclosed: **10/16/2002 AMONDAF1 00000103 09540166**
 - ☐ PTO-1449
 - ☐ Copies of IDS Citations

~~01 FC:1801~~

740.00 OP

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box CPA, Washington, DC 20231.

10/16/2002 AMONDAF1 00000104 09540166

10/16/2002 AMONDAF1 00000104 09540166

01 FC:1006

740.00 OP

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CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (j))	18 -20* =	0	x \$ 18.00 =	\$
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	2 -3** =	0	x \$ 84.00 =	
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+\$ _____ =	
				BASIC FEE (37 CFR 1.16)	740.00
				Total of above Calculations =	\$740.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.27).				
				TOTAL =	\$740.00

* Reissue claims in excess of 20 and over original patent.
** Reissue independent claims over original patent.

6. ☐ Small entity status: Applicant claims small entity status. See 37 CFR 1.27.
7. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. _____ - 02 2666 :
- a. ☐ Fees required under 37 CFR 1.16.
b. ☐ Fees required under 37 CFR 1.17.
c. ☐ Fees required under 37 CFR 1.18.
8. ☒ A check in the amount of \$740.00 is enclosed.
9. ☐ Payment by credit card. Form PTO-2038 is attached.
10. ☐ Applicant requests suspension of action under 37 CFR 1.103(b) for a period of _____ months (not to exceed 3 months) and the fee under 37 CFR 1.17(i) enclosed.
11. ☐ New Attorney Docket Number, if desired _____
(Prior application Attorney Docket Number will carryover to this CPA unless a new Attorney Docket Number has been provided herein.)
12. a. ☐ Receipt for Facsimile Transmitted CPA (PTO/SB/29A)
b. ☒ Return Receipt Postcard (Should be specifically itemized, See MPEP 503)
13. ☒ Other: 1 Month Extension of Time Request and \$110.00 fee.

NOTE:

The prior application's correspondence address will carry over to this CPA UNLESS a new correspondence address is provided below.

10. NEW CORRESPONDENCE ADDRESS☒ Customer Number of Bar Code Label

08791

or ☐ Correspondence address

Name					
Address					
City		State		Zip Code	
Country		Telephone		Fax	

15. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME (Print/Type)

William W. Schaal

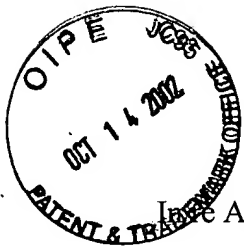
SIGNATURE

Registration No. (Attorney/Agent)

39,018

DATE

October 14, 2002



11/C
Dg
10/22/02
Docket No.: 42390P6729

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of:

Rosenberg, et al.

Application No.: 09/540,166

Filed: March 31, 2000

For: System and Method for Refreshing
Imaging Devices or Displays on a
Page-Level Basis

Examiner: Vincent E. Kovalick

Art Group: 2673

PRELIMINARY AMENDMENT

BOX CPA
Assistant Commissioner for Patents
Washington, DC 20231-9998

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Sir:

Please amend the above-identified Application as follows:

IN THE CLAIMS

Following is a complete set of claims as amended with this Response. This complete set of claims includes amended claim 3, as well as new claims 23 and 24.

- 2 3. (Twice Amended) A system to refresh a display, the system comprising:
- 3 a memory to store images of an image frame in a plurality of memory pages;
- 4 a processor to perform drawing operations to generate the images for the image frame,
- 5 the processor marking memory pages corresponding to regions of the image frame that have
- 6 been updated while performing the drawing operations; and
- 7 a display controller in communication with the memory to access the image frame and to
- send only the marked memory pages of the image frame to the display to refresh the display.